

APPEARANCE STANDARDS - STATION APPARATUS
REQUIREMENTS

This index lists the information that forms a part of, or supplements this specification, and indicates the authorized issues thereof.

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DATE	10-73	2-75	5-77	4-78														
NUMBER	ISSUES AUTHORIZED ON ABOVE DATE														TITLE			
Page 1A	1	2	3	4														
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SUPL. SPEC.																		General Requirements
BSRS-350.001	c																	Station & Outside Plant Apparatus
BSRS-350.003	c																	General Requirements Telephone Sets
ATT. DWGS.																		
L-772756																		Critical Area Dwgs:
Sh 1				1														G Type Handles
Sh 2				1														220, 2220 Shell
Sh 3				1														220 Deck
Sh 4				1														2220 Deck

c--Information in accordance with that currently authorized.

WECO FILING INFORMATION: *Changes in current issue are extensive therefore precludes the use of marginal arrows.

File in Handbook:
RS-586, Bk-2, Tab AN

IP-3, Tab F
IP-1A, Tab AU
Downloaded from TCI Library: <http://www.telephonecollectors.info> - Source: Connections Museum, Seattle, WA

1. GENERAL

- 1.01 This specification covers requirements for appearance standards applicable to the recovery and repair of station apparatus.
- 1.02 Specifications covering individual products will refer to this appearance specification and will include such individual appearance requirements as may apply to the individual product.
- 1.03 This specification provides requirements for the appearance of plastic piece parts used in refurbished station apparatus. Observational standards have been established based on high quality 35 mm slides or on 3D stereoscopic slides which can be duplicated from two master glass slides, one for each eye.

1.04 This specification includes certain requirements which need special consideration and, in some cases, action on the part of the telephone company. The paragraph numbers and a brief description of these requirements are shown in the following table.

<u>Paragraph Number</u>	<u>Description</u>
1.05	Additional Appearance Standards
1.06	Other Requirements
1.07	Deviations
6.06	Multiple Defects

1.05 The telephone company shall continue to establish appearance standards for those parts and defects not covered by this specification. However, requirements in this BSRS are specific and standards established and covered herein take precedence over Supl. Specs. 350.001 and 350.003, General Requirements. If no slide has been made for a particular defect, it is often possible to resolve the problem by comparing the defect to existing slides of other critical areas or of similar defects.

1.06 For those parts and defects covered by this specification, surfaces exposed to view in service shall meet or be superior to the applicable appearance standards, in order to be acceptable. Cracked or broken plastic, and housings/ bases with missing parts or painted plungers are considered inferior to the standard unless permitted in BSRS 350.001, 350.003 or applicable product specifications.

1.07 Telephone companies which find one or more of the slides or requirements in this specification inappropriate for the Service Centers serving them, should issue a deviation following the procedures outlined in C.I.97.160, Section 35, and BSRS-101.002. Three copies of proposed deviations concerning telephone set plastic appearance standards are to be forwarded to Dept. 514, Indianapolis Engineering Station Apparatus Repair and Refinishing, in accordance with C.I. 97.160, Section 35, Paragraph 4.102. If the proposed deviations would affect parts processed under the National Painting Contracts, copies of the proposed deviations should also be sent to - Ballwin Purchasing, 53SW142300.

2.01 All photography, art work, and duplicating shall be done by suppliers approved by Department 551, Western Electric Process Development of Plastic Raw Materials.

2.02 Whenever possible, defects shall be photographed such that the parts will appear in the viewer to be the same magnitude as a part inspected at a distance of 15-18 inches. Certain defects, however, must be photographed at a closer distance in order to portray the defect accurately. Small arrows will be attached to indicate the area of interest. The photographic master of 3-D Standards shall consist of two negatives (one for the right eye, one for the left eye) separately and securely mounted between 2 1/4 inch by 2-1/4 inch glass plates. Contrast masks, when required, and the required strip-in title shall be incorporated into the mounting. The duplicate slide shall consist of the two 24 X 36mm transparencies mounted in a carrier. The label shall be affixed to the carrier which shall be mounted between two glass plates in a standard 1-4/8 inch by 4-inch aluminum mount.

3. SLIDES

3.01 All observational standard slides are the maximum non-demeritable deviation from a perfect piece part. Piece part defects judged to be equivalent to or no more noticeable than the defects shown on the observational standard slides are acceptable without demerits.

3.02 Slides shall not be used to judge color. For judging color, Equipment Sketch RS-18213 Color Tolerance Charts should be used.

3.03 A slide depicts only one defect. The defect in question is indicated by small arrows.

3.04 Slides shall be stored in the prescribed metal or wood storage boxes and rack provided. The slides should not be exposed to direct light or elevated temperatures for prolonged periods.

3.05 Slides may be cleaned with lens paper or by moistening a lint free cloth with an approved lens cleaner and then polishing the slide. The slides shall not be sprayed or immersed in a liquid cleaner.

3.06 The set of slides has been designated RS-17873B.

4. LABEL

- 4.01 The label is attached to the slide between the two transparencies. The format is shown on Page 4.
- 4.02 Issue date - date of original photographic work.
- 4.03 Observational Standard Number - An Observational Standard number has been assigned to the slides covering the defects on each grouping or "family" of parts.

Examples are OS-10950 (new and refurbished housings/bases); OS-10997 (refurbished housings/bases); OS-10951 (new and refurbished handles/handsets); OS-11034 (refurbished handles/handsets); and OS-10952 (new and refurbished caps).

- 4.04 Suffix - Each slide is assigned a two-letter suffix to identify the individual standard.

Defect category - These have been arranged in a general outline. See Pages 7, 8, & 9.

- 4.06 Defect subcategory - See Pages 7, 8, & 9.

- 4.07 Critical area - Each piece part is divided into Critical Areas with Area 1 (one) being the most prominent to the user. See attached drawings L-772756, L-772757. The magnitude of defects allowable on the same critical areas of different parts are the same within a family of parts: Housings/Bases, L-772757; or Handles/Handsets/Caps, L-772756.

- 4.08 Color identification - The colors are divided into two groups. Dark colors include Red, Green, Mahogany, and Black. Light colors include Ivory, Yellow, White, Pink, Blue, Beige, Gray and Turquoise.

Issue date	1/68	OS10951-AB	Observational Std. No., Suffix
Defect Category	I. FLOW MARKS		
Defect Subcategory	E. Weld Lines, Blush		
Critical Area	Area 1 - Dark Colors		Color Identification
	Western Electric		

- 4.09 Strip-in. The strip-in is the printing located at the bottom of the transparencies and consists of the defect category and the defect limits - "maximum acceptable."

5. VIEWER

5.01 The viewer is a modified Realist Stereo Viewer Model #2061. This viewer uses a GE #14 bulb (with the blue bead holding the filaments) in combination with a Sawyers Model H transformer to provide a constant voltage and standard lighting conditions for viewing the slides. See the attached wiring diagram, L-761171, for the wiring changes.

5.02 The viewer has been designated RS-17873A and is shown in the attached sketch L-761170. For further details and ordering information on the viewer or slides, see Equipment Sketch RS-17873.

6. SELECTION AND USE OF SLIDES

6.01 Examine part and locate defect or defects; identify color group and critical area.

6.02 Consult the general defect index to determine if a standard has been established. Locate the proper slide observational standard number and suffix letters.

Each existing slide is identified in the index by a ten character designation. The first number (1, 2, 3, or -) refers to the critical area shown in the slide. Then a letter (L, D, or A) identifies the applicable color group: Light, Dark or All Colors. Next, a four digit number gives the issue date of the currently approved slide. Two letters identify the OS suffix of the slide and the last two numbers give the location of the slide in the new style storage container.

6.03 Remove slide from storage container, being careful not to touch the viewed area. Insert slides right side up into the slide slot with the label facing the viewing lenses. Adjust the interocular (top lever) until there is a single image. Focus with the side knob until there is a sharp picture.

6.04 For judgement of the suspect part, it shall be viewed in a uniform light field and against a dull gray background. The lighting level shall be 100 foot-candles. When a uniform field is not available, a Macbeth Light Booth may be used using the incandescent lighting conditions. This lighting level can be approximated by using an RS-13380 Dazor Lamp with ambient lighting and a viewing distance of approximately one foot. Judging of the part shall be at a distance which makes the part appear to be the same size as in the viewer.

6. SELECTION AND USE OF SLIDES (Cont'd)

6.05 If the defect is subjectively more noticeable when compared to the slide under the above conditions, the part shall be considered as having failed to meet the required standard.

6.06 Unless otherwise specified by the telephone company, if the plastic part contains two or more defects which are subjectively equivalent to the maximum acceptable defects shown in the applicable slides, and which can be seen simultaneously, the part shall be considered as having failed to meet the required standard. If the plastic part contains one defect subjectively equivalent to the maximum acceptable defect, plus two or more other readily visible defects which can be seen simultaneously with the maximum defect when viewed at arms length, the part shall be considered as having failed to meet the required standard. Readily visible means that the defect can be seen throughout a wide angle of rotation of the part; i.e., the defect is not just noticeable when held at certain narrow angles to the light.

6.07 Although the slides depict specific refurbishing or manufacturing defects, most of the slides are applicable without regard to the refurbishing process employed.

	OS 10950 Housings	OS 10951 Handles	OS 10953 Caps	OS 10997 Housings	OS 11034 Handles
<u>CRITICAL AREAS</u>	-A0469AA1	-A0570AA2			
<u>DEFECTS</u>					
I. FLOW MARKS					
A. Moisture/over-heated	-	-		-	-
B. Foreign Material	-				
		1L0168AC15		1L0570AC4	1L1071AB17
		1L0168AD16		1L1071AM5	1L1071AC18
		2D0168AE20		1L1071A06	1L0877AU19*
				2D0877BB7*	2L1071AD21
				2L0570AE8	2L1071AE22
				2L0570AJ9	
				2L1071AN10	
				2L0877BC11*	
				3D0877BD12*	
				3L0570AI13	
				3L1071AP14	
C. Blush	-	-	2D0168AE26	1D1071AQ23	-
				2D1071AR24	
				3L0570AH25	
D. Color Separation	-	-	-	-	-
E. Weld lines/blush		1D0168AG28	2D0168AB35	-	-
		1D0168AH29	2D0168AC36		
		1L0168AI30			
	2D0168AI27	1L0168AJ31	2L0168AD37		
		2D0168AK32			
		2L0168AL33			
		3D0168AM34			
F. Runs	-	-	-	2L1071AS38	2L0877AV39*
G. Sloughing	-	-	-		2A1071AF40
H. Swirls	-	-	-		2L1071AG44
				1L0570AL41	
				2D1071AU42	
				2L0570AG43	

SLIDE LOCATION
 OS SUFFIX
 OS ISSUE DATE
 COLOR GROUP
 CRITICAL AREA

NOTE: * indicates 35mm standards

GENERAL DEFECTS INDEX
REFURBISHED PLASTIC
OBSERVATIONAL STANDARDS

	OS 10950 Housings	OS 10951 Handles	OS 10953 Caps	OS 10997 Housings	OS 11034 Handles
<u>CRITICAL AREAS</u>					
<u>DEFECTS</u>					
II. TOOL MARKS					
A. Drag	-	-	-	-	-
B. Strain	-	-	-	-	-
C. Tool Damage	-	-	-	-	-
D. Oil Mark	2D0168AM45	-	-	-	-
E. Knock-Out Pin	-	-	-	-	-
F. Perfing	-	-	-	-	-
III. SHRINKAGE					
	1D0168AN46	-	-	-	-
	3D0168A047	-	-	-	-
IV. COLOR					
A. Pigmentation	1L0168AP48	1L0168A049	-	-	-
B. Separation - I.D.	-	-	-	-	-
V. FLASH					
A. Parting Line	-	-	-	-	-
B. Cord Hole	-	2A0168AP50	-	-	2D0877AX51*
C. Perfing	-	-	-	-	-
VI. MARS					
	1D0168AQ52	1L0168AQ59	-	-	-
	1L0168AR53	2L0168AR60	-	-	-
	2D0168AS54	-	-	-	-
	2D0168AT55	-	-	-	-
	2L0168AU56	-	-	-	-
	2L0168AV57	-	-	-	-
	3L0168AW58	-	-	-	-
VII. SCRATCHES					
	-	-	-	1L1071AV61	1D0877AW64*
	-	-	-	2D1071AW62	2A1071AH65
	-	-	-	2L0570AB63	2A1071AI66
	-	-	-	-	2A1071AJ67
VIII. BUFFING					
A. Lack of Luster	-	-	-	-	-
B. Burning	-	-	-	-	-
IX. DIE MISMATCH					
	-	-	-	-	-

NOTE: * indicates 35mm standards

GENERAL DEFECTS INDEX
REFURBISHED PLASTIC
OBSERVATIONAL STANDARDS

	OD 10950 Housings	OS 10951 Handles	OS 10953 Caps	OS 10997 Housings	OS 11034 Handles
<u>CRITICAL AREAS</u>					
<u>DEFECTS</u>					
X. NICKS AND DENTS	-	2L0168AX75	2D0469AH76	1D0570AD68 1L0877BE69* 2D1071AX70 3L1071AY71	1D1071AL72 1L1071AK73 2D1071AM74
XI. NAMEPLATE LEGI- BILITY					
A. Character Size	-	-	-	-	-
B. Character Defi- nition	-	-	-	-	-
XII. CHAMFERING					
A. Cord Hold	-	-	-	-	-
B. Receiver and Transmitter Bowls	-	-	-	-	-
C. Parting Line	-	-	-	-	-
XIII. BURNS	-	-	-	-	-
XIV WEAR	-	-	-	-	2A1071AN77 3A1071A078
XV. BLISTERS	-	-	-	1L0877BF79* 2L0877BG80* 3L0877BH81*	-
XVI. ORANGE PEEL	-	-	-	1D1071AZ82 2D0877BJ83* 2L0877BI84* 2L0877BK85* 3D0877BL86*	1D1071AR87 2L0877AY88* 3D0877AZ89*
XVII WATER SPOTS	-	-	-	2L0570AK90	2D1071AS92
XVIII. FISH EYES	-	-	-	-	-
XIX. CRAZING	-	-	-	-	2L0877BA93*
XX. RESPRAYED CHIPPED PAINT	-	-	-	1D0877BM94* 1L1071BA95 1L0877BN96* 2L0877B097*	2L1071AT98

NOTE: * indicates 35mm standards

GENERAL DEFECTS INDEX
REFURBISHED PLASTIC
OBSERVATIONAL STANDARDS

OBSERVATIONAL STANDARD LOCATIONS

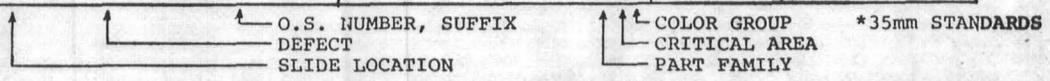
LOWER SECTION					UPPER SECTION								
1	CRIT AREA HSG 50AA HS	26	BLUSH	52AE CP2D	51	FLASH-G15	34AX*HN2D	76	NICKS, DENTS	52AH CP2D	92	WATER SPOTS	34AS HN2D
2	HND 51AA HN	27	WELD LINES	50AI HS2D	52	MARS	50AQ HS1D	77	WEAR	34AN HN2A	93	CRAZING	34BA*HN2L
3		28		51AG HN1D	53		50AR HS1L	78		34AO HN3A	94	CHPD. PAINT	97BM*HS1D
4	FOREIGN MTL. 97AC HS1L	29		51AH HN1D	54		50AS HS2D	79	BLISTERS	97BF*HS1L	95		97BA HS1L
5	97AM HS1L	30		51AI HN1L	55		50AT HS2D	80		97BG*HS2L	96		97BN*HS1L
6	97AO HS1L	31		51AJ HN1L	56		50AU HS2L	81		97BH*HS3L	97		97BO*HS2L
7	97BB*HS2D	32		51AK HN2D	57		50AV HS2L	82	ORANGE PEEL	97AZ HS1D	98		34AT HN2L
8	97AE HS2L	33		51AL HN2L	58		50AW HS3L	83		97BJ*HS2D			
9	97AJ HS2L	34		51AM HN3D	59		51AQ HN1L	84		97BI*HS2L			
10	97AN HS2L	35		52AB CP2D	60		51AR HN2L	85		97BK*HS2L			
11	97BC*HS2L	36		52AC CP2D	61	SCRATCHES	97AV HS1L	86		97BL*HS3D			
12	97BD*HS3D	37		52AD CP2L	62		97AW HS2D	87		34AR HN1D			
13	97AI HS3L	38	RUNS	97AS HS2L	63		97AB HS2L	88		34AY*HN2L			
14	97AP HS3L	39		34AV*HN2L	64		34AW*HN1D	89		34AZ*HN3D			
15	51AC HN1L	40	SLOUGHING	34AF HN2A	65		34AH HN2A	90	WATER SPOTS	97AK HS2L			
16	51AD HN1L	41	SWIRLS	97AL HS1L	66		34AI HN2A	91	BLANK				
17	34AB HN1L	42		97AU HS2D	67		34AJ HN2A						
18	34AC HN1L	43		97AG HS2L	68	NICKS, DENTS	97AD HS1D						
19	34AU*HN1L	44		34AG HN2L	69		97BE*HS1L						
20	51AE HN2D	45	OIL MARK	50AM HS2L	70		97AX HS2D						
21	34AD HN2L	46	SHRINKAGE	50AN HS1D	71		97AY HS3L						
22	34AE HN2L	47		50AO HS3D	72		34AL HN1D						
23	BLUSH 97AQ HS1D	48	PIGMENTATION	50AP HS1L	73		34AK HN1L						
24	97AR HS2D	49		51AO HN1L	74		34AM HN2D						
25	97AH HS3L	50	FLASH-CRDHOLE	51AP HN2A	75		51AX HN2L						

NEW AND REFURBISHED

OS-10950 HOUSINGS, BASES
10951 HANDLES; TRIMLINE
DECKS, SHELLS
10952 CAPS

REFURBISHED

OS-10997 HOUSINGS, BASES
11034 HANDLES; TRIMLINE
DECKS, SHELLS



GENERAL DEFECTS INDEX
O.S. LOCATIONS ARRANGED
BY DEFECT

Observational Standards for Inspecting Painted Product

<u>Housings</u>	<u>OS</u>	<u>Location</u>	
Critical Areas	10950AA	1	
Weld Lines	AI	27	
Oil Mark	AM	45	
Shrinkage	AN	46	
Shrinkage	AO	47	
Pigmentation	AP	48	
Mars	AQ	52	
"	AR	53	
"	AS	54	
"	AT	55	
"	AU	56	
"	AV	57	
"	AW	58	
Scratches	10997AB	63	
Foreign Material	AC	4	
Dent	AD	68	
Foreign Material	AE	8	
Swirls	AG	43	
Blush	AH	25	
Foreign Material	AI	13	
" "	AJ	9	
Water Spots	AK	90	
Swirls	AL	41	
Foreign Material	AM	5	
" "	AN	10	
" "	AO	6	
" "	AP	14	
Blush	AQ	23	
"	AR	24	
Run	AS	38	
Swirls	AU	42	
Scratches	AV	61	
"	AW	62	
Nicks	AX	70	
Dent	AY	71	
Orange Peel	AZ	82	
Resprayed Chipped Paint	BA	95	
Foreign Material	BB*	7	
" "	BC*	11	
" "	BD*	12	
Nicks	BE*	69	
Blisters	BF*	79	
"	BG*	80	
"	BH*	81	
Orange Peel	BI*	84	
" "	BJ*	83	
" "	BK*	85	
" "	BL*	86	
Resprayed Chipped Paint	BM*	94	
	BN*	96	
	BO*	97	

GENERAL DEFECTS INDEX
PAINTED PRODUCT
OBSERVATIONAL STANDARDS

Observational Standards for Inspecting Painted Product (Cont'd.)

<u>Handles</u>	<u>OS</u>	<u>Location</u>
Critical Area	10951AA	2
Foreign Material	AC	15
" "	AD	16
" "	AE	20
Weld Lines	AG	28
" "	AH	29
" "	AI	30
" "	AJ	31
" "	AK	32
" "	AL	33
" "	AM	34
Pigmentation	AO	49
Cord Hole Burr	AP	50
Mar	AQ	59
"	AR	60
Nicks, Dent	AX	75
Foreign Material	11034AB	17
" "	AC	18
" "	AD	21
" "	AE	22
Sloughing	AF	40
Swirls	AG	44
Scratches	AH	55
"	AI	66
"	AJ	67
Nicks	AK	73
"	AL	72
"	AM	74
Wear	AN	77
"	AO	78
Orange Peel	AR	87
Water Spots	AS	92
Resprayed Chipped Paint	AT	98
Foreign Material	11034AU*	19
Weld Lines	AV*	39
Scratches	AW*	64
Flash - Cord Hole	AX*	51
Orange Peel	AY*	88
" "	AZ*	89
Crazing	BA*	93
<u>Caps</u>		
Weld Lines	10952AB	35
" "	AC	36
" "	AD	37
Blush	AE	26
Dent	AH	76

The following dimensional criteria apply as standards for judging scratches and mars on plastic piece parts of the magnitude and depth shown in the slides. Defects which exceed these dimensions may be acceptable if they are subjectively no more noticeable than the defect portrayed in the slide.

OS 10950

1/68

VII. Scratches

Area 1 - All Colors

Scratch 1/2" or two

Scratches 1/4" not within 1"

VII. Scratches

Area 2 - All Colors

Scratch 3/4" or two

scratches 3/8" not within 1"

VII. Scratches

Area 3 - All Colors

Scratch 1" or two

scratches 1/2" not within 1"

OS 10951

VII. Scratches

Area 1 - All Colors

Scratch 1/4" or two

scratches 1/8" not within 1"

VII. Scratches

Area 2 - All Colors

Scratch 1/2" or two

scratches 1/4" not within 1"

OS 10952

11/71

VI. Mars

Area 2 - All Colors

Mar 1/16" X 7/32"

OS 10950

1/68

VI. Mars

Area 1 - All Colors

Mars 1/8" X 1/2" or two

mars 1/8" X 1/4" not within 1"

VI. Mars -

Area 2 - All Colors

Mar 1/8" X 3/4" or two

mars 1/8" X 3/8" not within 1"

VI. Mars

Area 3 - All Colors

Mar 1/8" X 1" or two

mars 1/8" X 1/2" not within 1"

OS 10951

VI. Mars

Area 1 - All Colors

Mar 1/64" X 1/4" or two

mars 1/64" X 1/8" not within 1"

VI. Mars

Area 2 - All Colors

Mar 1/32" X 1/2" or two

mars 1/32" X 1/4" not within 1"

GENERAL DEFECTS INDEX
DEFECT DIMENSIONAL
CRITERIA

REFURBISHED PLASTIC APPEARANCE DEFECT DEFINITIONS

I. FLOW MARKS

- A. Moisture-thin streaks of contaminated or unplasticated material appearing at surface of part.
- B. Foreign material - particles of a substance other than the material of which the part was molded or refurbished that appear at or on the surface of the part.
- C. Blush - discoloration (usually white or grey) in the plastic produced during the molding process.
- D. Color separation - streak or spot of pigment deposited during the molding process in areas of turbulence.
- E. Weld Lines - a shallow mark on a molded plastic part formed by the union of two or more streams of plastic flowing together.
- F. Runs - linear surface distortion.
- G. Sloughing - breaking off of the plastic surface.
- H. Swirls - wavy surface distortion.

III. SHRINKAGE - depression in the surface of a molded part where the plastic has retracted from the mold.

IV. PIGMENTATION - streaks of discolored material appearing at surface of part.

V. FLASH - linear protrusion of material along an edge or parting line of a plastic part.

VI. MAR - surface blemish without apparent depth.

VII. SCRATCH - a sharp edged linear mark cut into the surface of the plastic.

VIII. LUSTER (contrast gloss): Contrast between the highlight reflecting areas of a part and the adjacent darker areas.

GENERAL DEFECTS INDEX
DEFECT DEFINITIONS

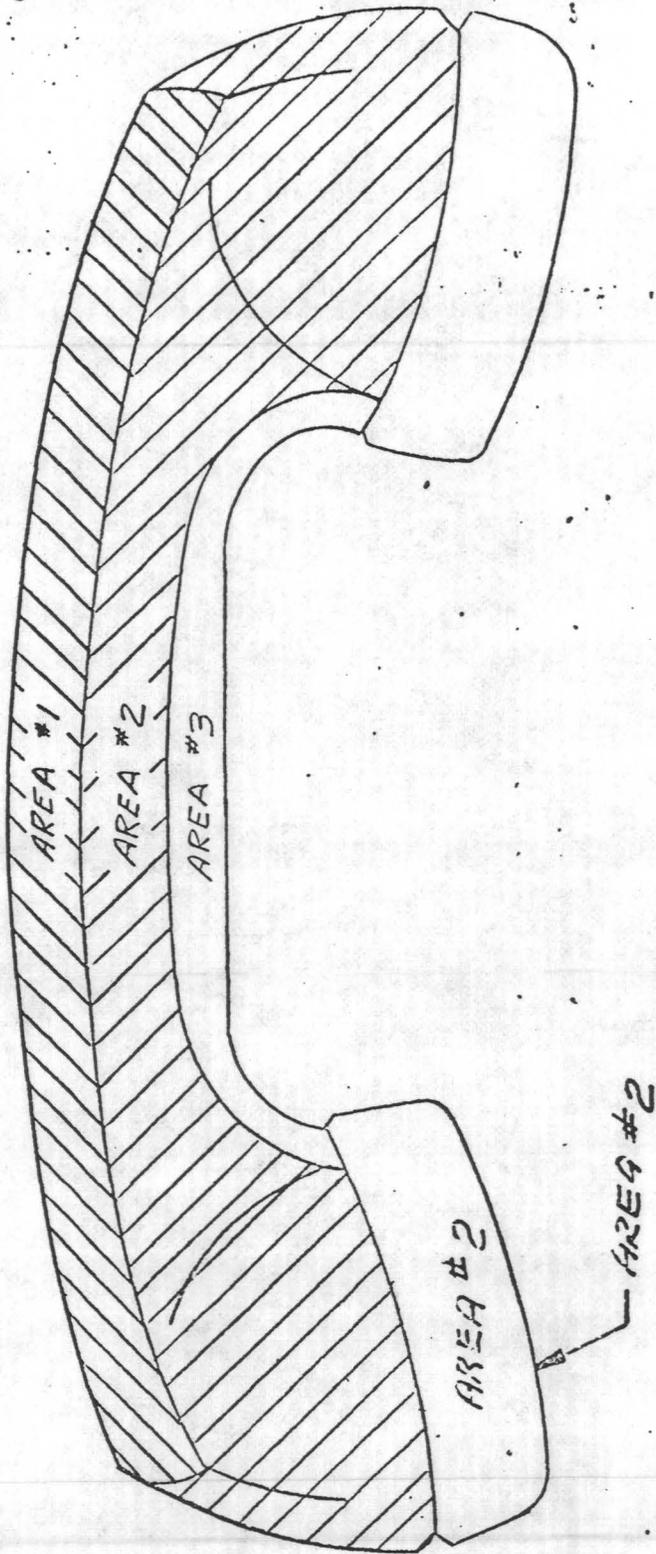
REFURBISHED PLASTIC APPEARANCE DEFECT DEFINITIONS (CONT'D)

- X. NICK - a depression in the surface of a part produced by a sharp edge.
- DENT - a depression in the surface of a part produced by a blunt edge.
- XIII. BURNS - apparent evidence of thermal decomposition including discoloration and/or distortion of the surface of the part.
- XIV. WEAR - surface deterioration due to use of the part.
- XV. BLISTER - rounded elevation on the surface of a part.
- XVI. ORANGE PEEL - uneven surface consisting of many small rounded elevations.
- XVIII. FISH EYES - small globular mass which has not blended uniformly into the surrounding material.
- XIX. CRAZING - fine cracks, frequently intersecting, on the surface of a part.

GENERAL DEFECT INDEX
DEFECT DEFINITIONS

7 ¹/₈

1 ¹/₄



BERS
 1-31-78
 ISSUE 1

NOTICE

NOT FOR USE OR
 DISCLOSURE OUTSIDE
 WESTERN ELECTRIC
 EXCEPT UNDER
 WRITTEN AGREEMENT

USED ON DWG

**CRITICAL AREA DESIGNATION
 G TYPE HANDSET HANDLES
 AND CAPS**

OS 10951
 OS 11034
 OS 10952

SCALE NTS

WESTERN ELECTRIC COMPANY, INC.
 ENGINEER OF MANUFACTURE

BELL TELEPHONE LABORATORIES
 INCORPORATED

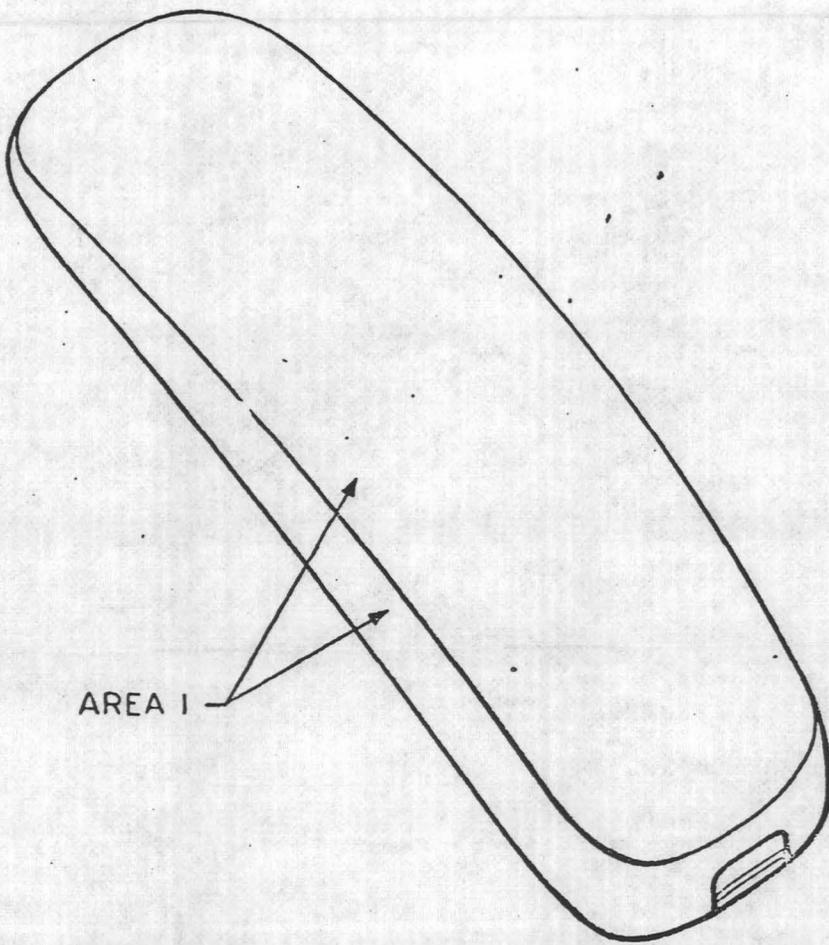
C
 S
 L-772-755

SHEET 1

NO. OF SHEETS PER SET SEE SHEET 1

7 ¹/₈

1 ¹/₄



AREA I

BERS 350375
 ENGR R.G. POMER
 DRAWN
 1-51-78
 ISSUE 1

NOTICE

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 DISCLOSURE OUTSIDE
 W.E. CO. EXCEPT UNDER
 WRITTEN AGREEMENT

DWG

CRITICAL AREA DESIGNATION
 220 & 2220 TYPE
 TRIMLINE SHELLS 05 10 951
 SCALE NTS 05 11034

WESTERN ELECTRIC COMPANY, INC.
 ENGINEER OF MANUFACTURE
 BELL TELEPHONE LABORATORIES
 INCORPORATED

USED ON

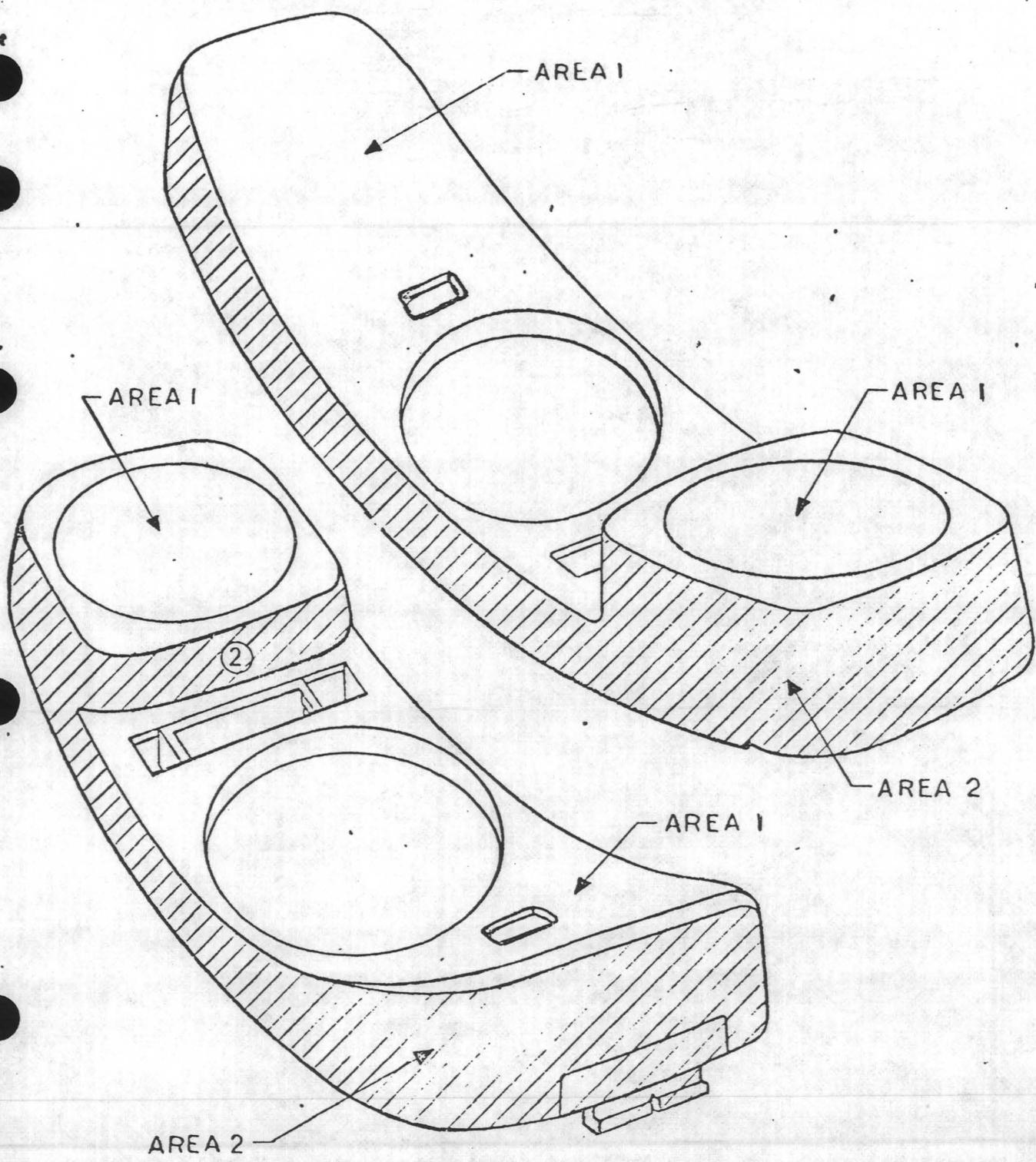
L-772756

SHEET

2

NO. OF SHEETS PER SET SIX SHEETS

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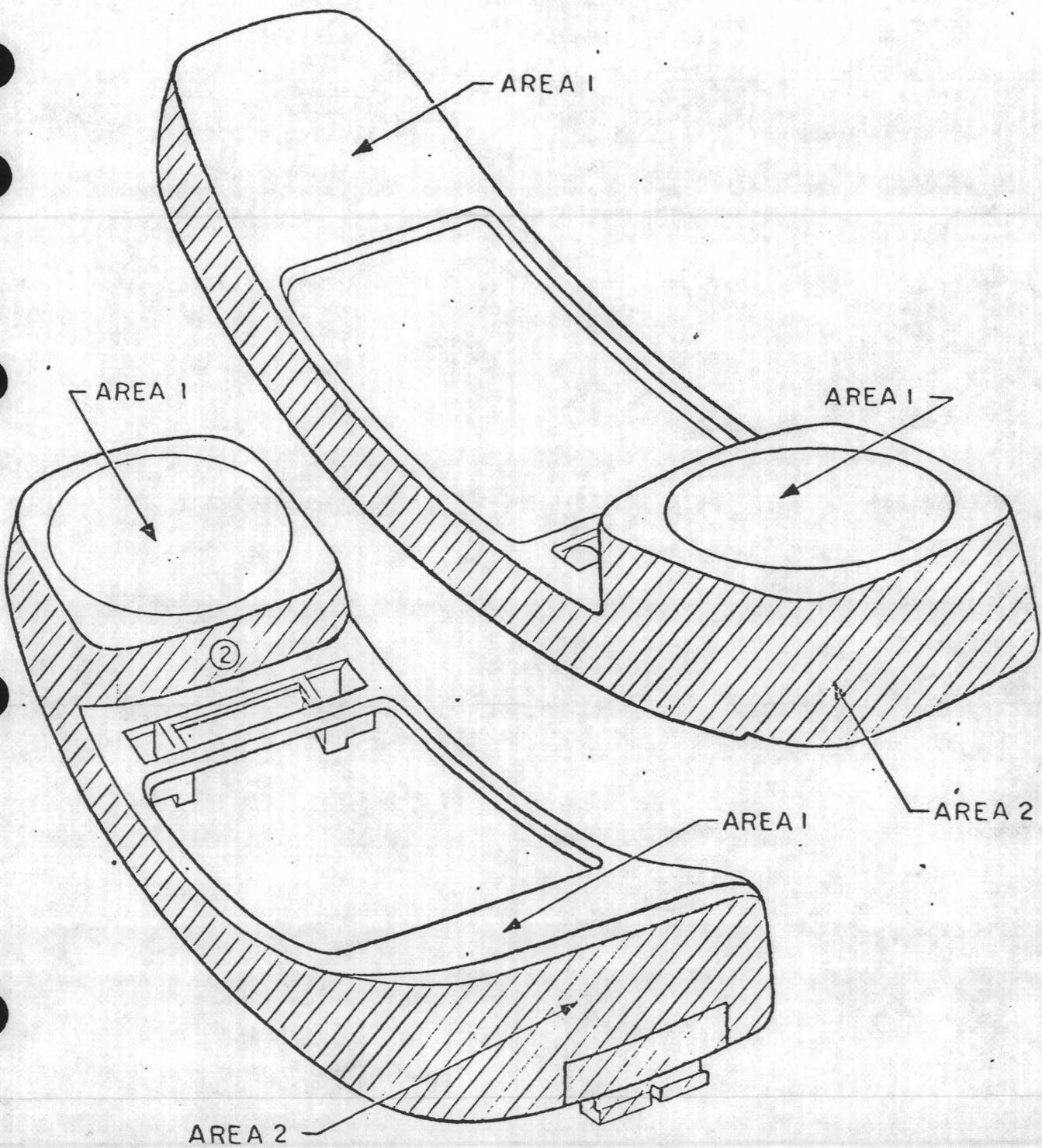


13725 550.025
 ENGR R. G. POTTIS
 DRAWN BY
 1-31-78
 ISSUE 1

NOTICE
 NOT FOR USE OR
 DISCLOSURE OUTSIDE
 WVA'S OR WTL
 EXCEPT UNDER
 WRITTEN AGREEMENT

DWG	CRITICAL AREA DESIGNATION	
	220 TYPE TRIMLINE DECK	
SCALE NTS	OS 10951	
	OS 11034	
WESTERN ELECTRIC COMPANY, INC. ENGINEER OF MANUFACTURE		
BELL TELEPHONE LABORATORIES INCORPORATED		
NO. OF SHEETS PER SET	L-772756	SHEET
		3
SEE SHEET 1		

7 ¹/₈



ESRS 250.00
 DRAWN BY
 1-31-78
 ISSUE 1

NOTICE
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 WELLS BTL
 EXCEPT UNDER
 WRITTEN AGREEMENT

CRITICAL AREA DESIGNATION
 2220 TYPE TRIMLINE DECK

SCALE NTS
 OS 10951
 OS 11034

WESTERN ELECTRIC COMPANY, INC.
 ENGINEER OF MANUFACTURE

BELL TELEPHONE LABORATORIES
 INCORPORATED

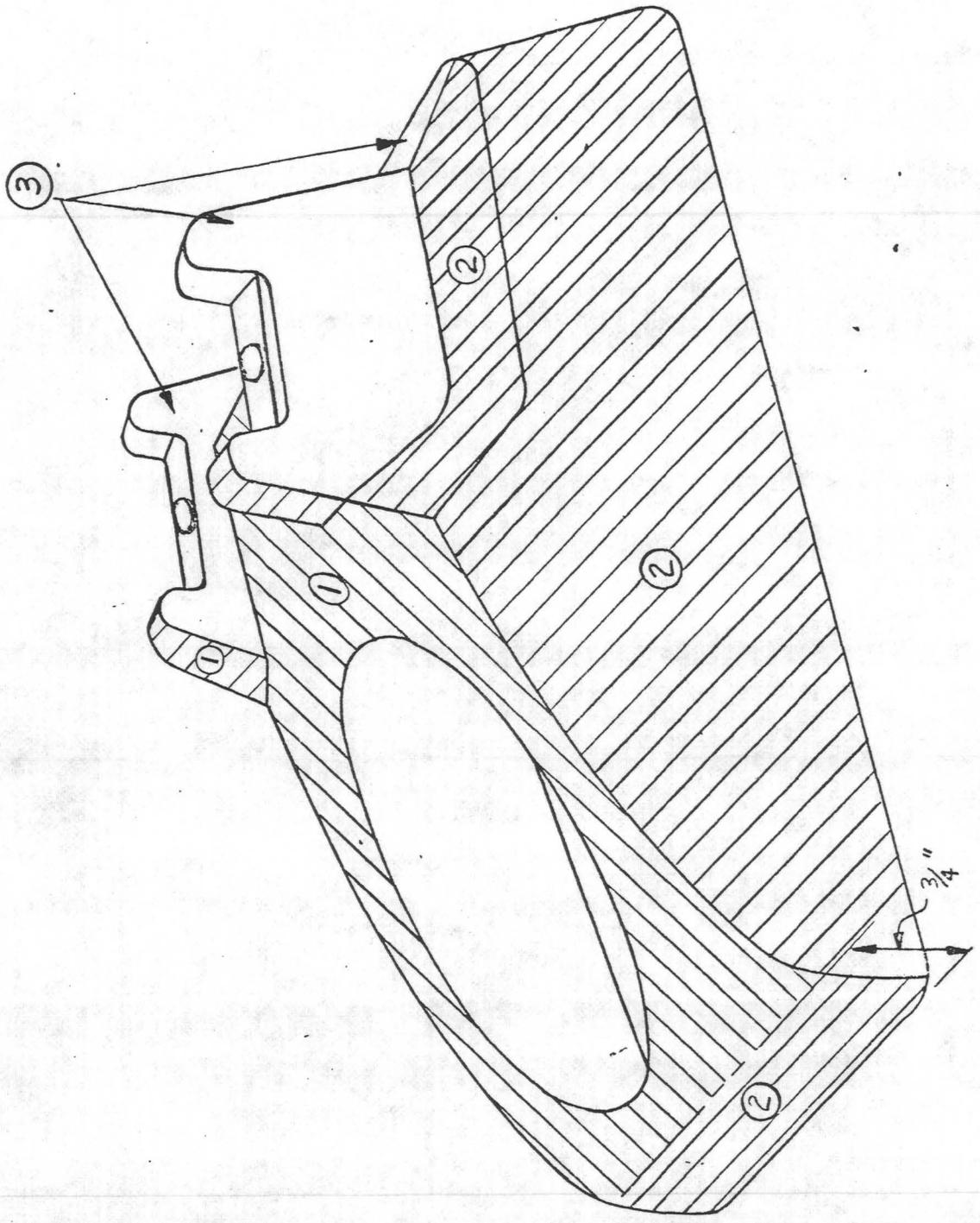
USE ON DWG
 L-772750

SHEET
 4

NO. OF SHEETS PER SET SEE SHEET 1

10 $\frac{1}{4}$

7 $\frac{1}{8}$



BSRS 357.075

REVISED	DATE	BY	REASON
131-1A			ISSUE 1

NOTICE
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USED ON DWG

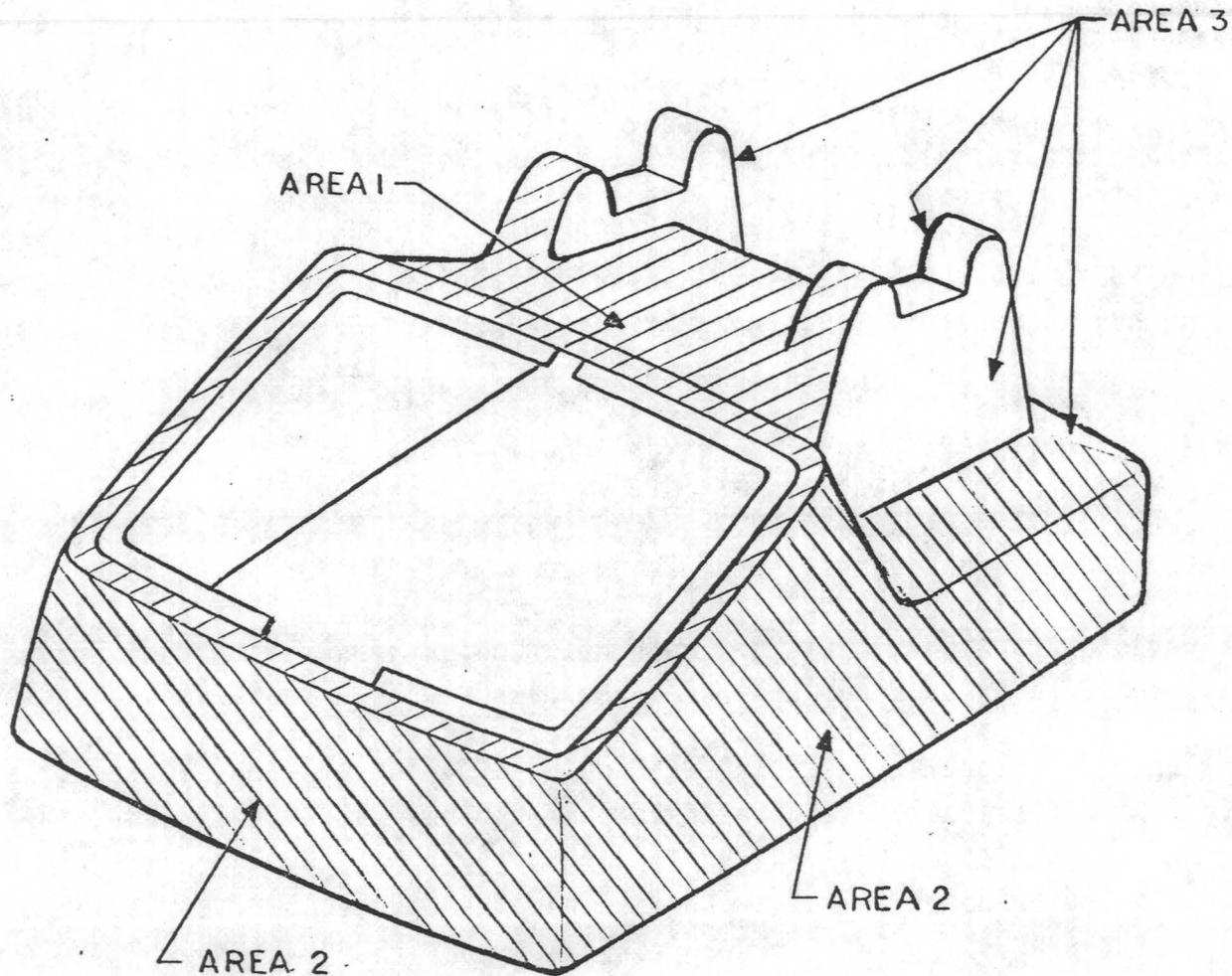
CRITICAL AREA DESIGNATION
 500 & 560 TYPE TELEPHONE
 HOUSINGS OS10950
 OS10947
 SCALE NTS

WESTERN ELECTRIC COMPANY, INC.
 ENGINEER OF MANUFACTURE
 BELL TELEPHONE LABORATORIES
 INCORPORATED

NO. OF SHEETS PER SET	SEE SHEET 1	SHEET	1
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10 1/4

7 1/8



6525-350-225

ENGINEER: G. POTTE	REPR	ISSUE 1
DRAWN BY: J. M. A. 11		
DATE: 1-31-78		

NOTICE

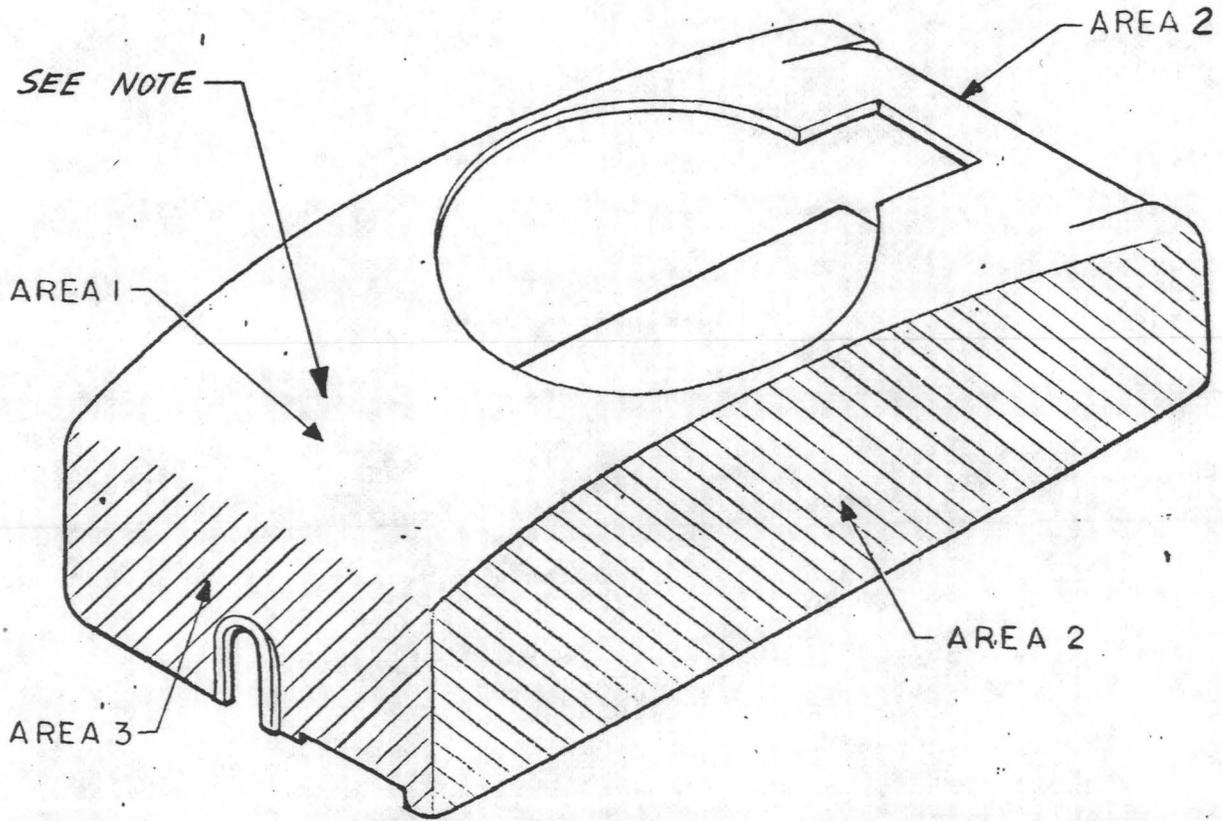
NOT FOR USE OR DISCLOSURE OUTSIDE WESTERN ELECTRIC EXCEPT UNDER WRITTEN AGREEMENT

DWG USED ON

CRITICAL AREA DESIGNATION	
2500 & 2560 TYPE TELEPHONE HOUSING	
05 10950	05 10947
SCALE NTS	
WESTERN ELECTRIC COMPANY, INC. ENGINEER OF MANUFACTURE	
BELL TELEPHONE LABORATORIES INCORPORATED	
L-772157	SHEET 2
NO. OF SHEETS PER SET SEE SHEET 1	

7 ¹/₈

1 ¹⁰/₄



NOTE:

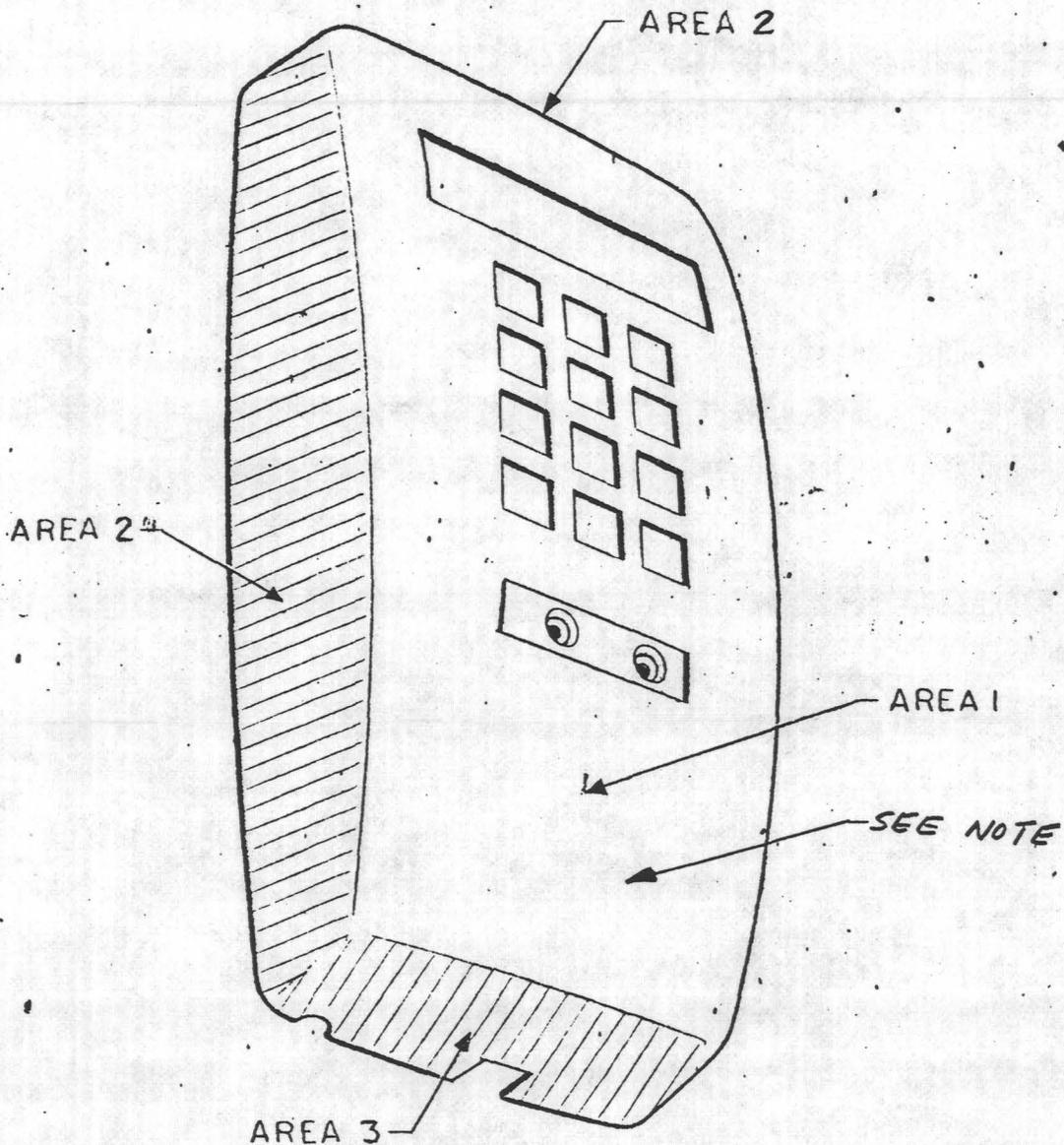
HANDSET WEAR MARKS THAT APPEAR BELOW THE NAMEPLATE ON AREA 1 SHOULD BE JUDGED USING MAR STANDARDS FOR HOUSINGS AREA 2.

BSRS 350.005

ENGR. G. PATTE RGP	ISSUE 1	4-8-78	2	<p>NOTICE NOT FOR USE OR DISCLOSURE OUTSIDE WESTERN ELECTRIC EXCEPT UNDER WRITTEN AGREEMENT</p>	<p>DWG USED ON</p>	<p>CRITICAL AREA DESIGNATION 554 TYPE TELEPHONE HOUSING OS 10950 OS 10997</p> <p>SCALE NTS</p>	<p>SHEET 3</p>
DRAWN: [Signature]	1-21-73	LSC	RGP			<p>WESTERN ELECTRIC COMPANY, INC. ENGINEER OF MANUFACTURE</p> <p>BELL TELEPHONE LABORATORIES INCORPORATED</p> <p>L-772757</p> <p>NO. OF SHEETS PER SET REC SHEET 1</p>	

10 $\frac{1}{4}$

7 $\frac{1}{8}$



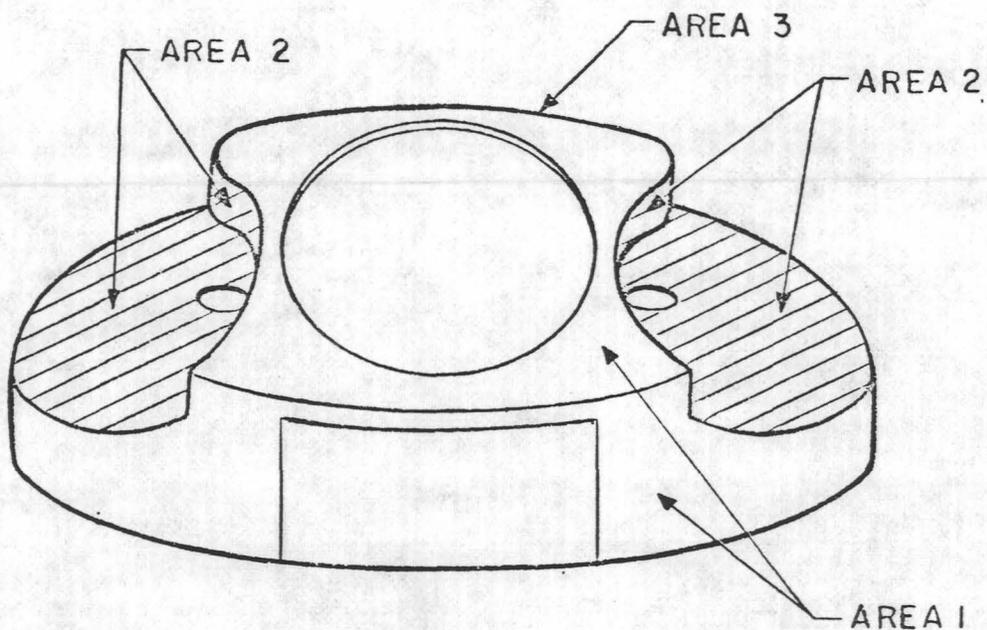
NOTE:
 HANDSET WEAR MARKS THAT APPEAR BELOW THE NAMEPLATE ON AREA 1 SHOULD BE JUDGED USING MAR STANDARDS FOR HOUSING AREA 2.

BSAES 350, 005

ENGR G. POTTS	R.G.P.			NOTICE NOT FOR USE OR DISCLOSURE OUTSIDE WE OR STL EXCEPT UNDER WRITTEN AGREEMENT	DWG	CRITICAL AREA DESIGNATION
DRAWN B.C. ALANSON		4-878	R.G.P.			2
1-21-79	ISSUE 1	LSC CS				HOUSING OS 10950
						SCALE NTS OS 10997
						WESTERN ELECTRIC COMPANY, INC. ENGINEER OF MANUFACTURE
						BELL TELEPHONE LABORATORIES INCORPORATED
					USED ON	L-772757
						NO. OF SHEETS PER SET SEE SHEET 1
						SHEET 4

7 $\frac{1}{8}$

1 $\frac{1}{4}$

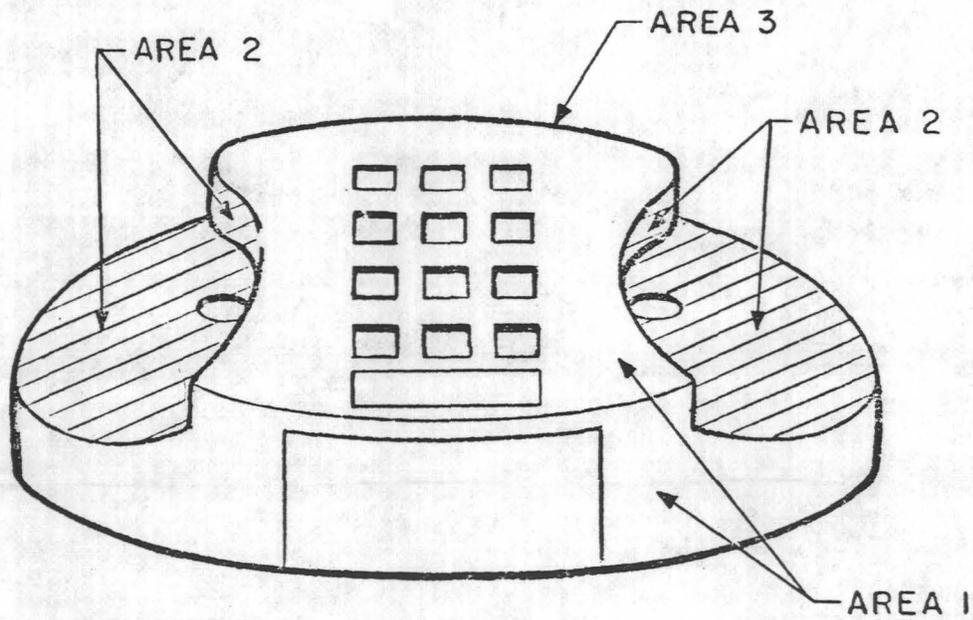


5525 357.025

ENGR. G. PATS	REPR	ISSUE 1	<p>NOTICE NOT FOR USE OR DISCLOSURE OUTSIDE WESTERN ELECTRIC EXCEPT UNDER WRITTEN AGREEMENT</p>	<p>DWG HOUSING 05 10950 SCALE NTS 05 10997</p>	<p>WESTERN ELECTRIC COMPANY, INC. ENGINEER OF MANUFACTURE</p>	<p>BELL TELEPHONE LABORATORIES INCORPORATED</p>	<p>NO. OF SHEETS PER SET 5 DES SHEET 1</p>
DATE: 1/19/19							

7 ¹/₈

10 ¹/₄



35RS 350.225
 ENGR R.G. POTL RGP
 DRAWN [Signature]
 1-21-78 ISSUE 1

NOTICE
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CRITICAL AREA DESIGNATION
 2700 TYPE PRINCESS
 HOUSING OS 10750
 SCALE NTS OS 10497

WESTERN ELECTRIC COMPANY, INC.
 ENGINEER OF MANUFACTURE
 BELL TELEPHONE LABORATORIES
 INCORPORATED

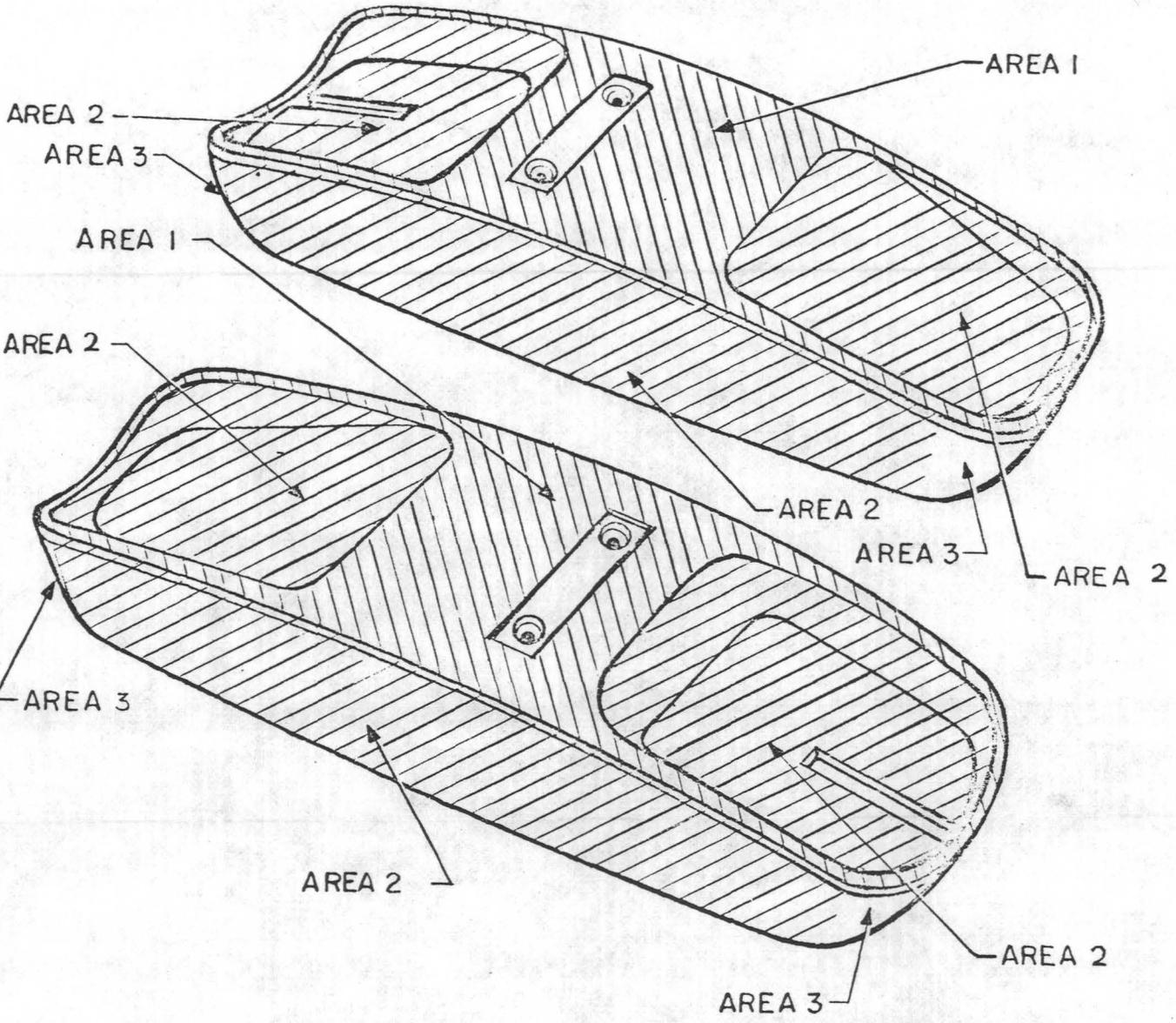
DWG
 USED ON

L-773757

SHEET

6

NO. OF SHEETS PER SET SEE SHEET 1



NOTICE

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DISCLOSURE OUTSIDE
THE BELL SYSTEM
EXCEPT UNDER
WRITTEN AGREEMENT

CRITICAL AREA DESIGNATION
AD TYPE TRIMLINE® BASE

OS 10950
OS 10997

WESTERN ELECTRIC

BELL LABORATORIES

L-772757

DRAWING

USED ON

DWG
SIZE

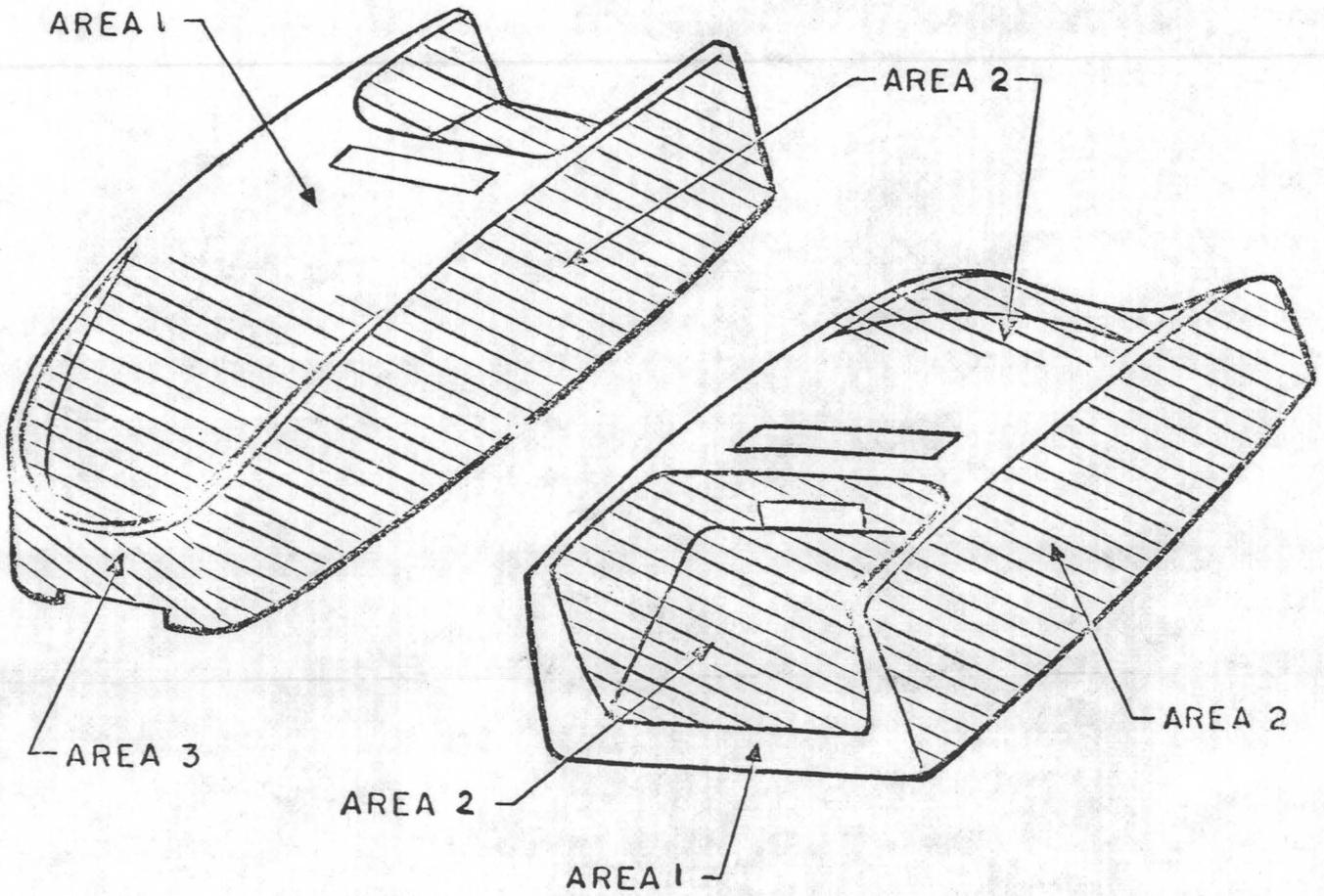
SHEET

NOTICE

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DISCLOSURE OUTSIDE
WV & BTZ
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WRITTEN AGREEMENT

ENGR. R.S. PORTS	CS
DRAWN BY JOHN J. J.	ISSUE 1
1-31-73	

BEL-350.5



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 THE BELL SYSTEM
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 WRITTEN AGREEMENT

CRITICAL AREA DESIGNATION
 AC TYPE TRIMLINE BASE
 OS 10950
 OS 10997

WESTERN ELECTRIC
 BELL LABORATORIES

L- 772757

DWG
 SIZE
 8
 SHEET

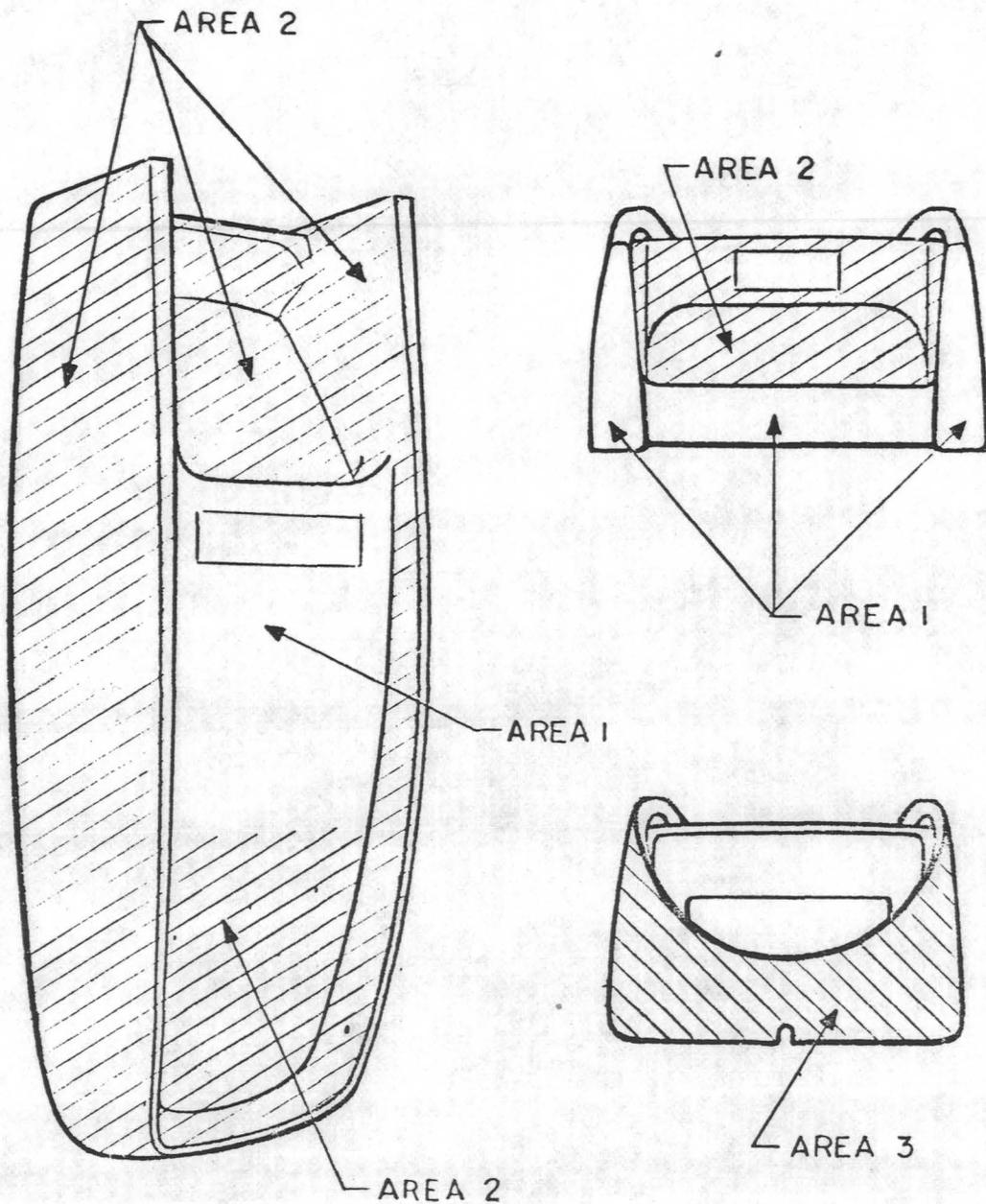
57.01
 ENR. R. G. POTTS
 DRAWN L. E. JOHNSON
 1-31-78
 ISSUE 1

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 DISCLOSURE OUTSIDE
 THE BELL SYSTEM
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 WRITTEN AGREEMENT

DRAWING
 USED ON

7 ¹/₈

10 ¹/₄



BSE 359.5
 ENGR R. G. POTTS
 DRAWN BY RGP
 1-31-79 ISSUE 1

NOTICE
 NOT FOR USE OR
 DISCLOSURE OUTSIDE
 115-276
 EXCEPT UNDER
 WRITTEN AGREEMENT

DWG USED ON
 CRITICAL AREA DESIGNATION
 AC TYPE TRIMLINE
 SECURITY BASE OS 10950
 SCALE NTS 10997
 WESTERN ELECTRIC COMPANY, INC.
 ENGINEER OF MANUFACTURE
 BELL TELEPHONE LABORATORIES
 INCORPORATED
 SHEET 9
 NO. OF SHEETS PER SET SEE SHEET 1